FILE COPY

Page 1 of 2

_						ATTY. DOCKET NO. 1488.1040001 APPLICATION NO. 09/033,662					
*		FORM	PTO-1449			APPLICANT					
FIRST SUPP	LEMENTAL	INFOR	MATION DISCLO	SURE STATEMENT	ſ	HU et al. FILING DATE March 3, 1998		GROUP 1646		-	
				U.S.		ATENT DOCUMENTS		1040		_ `	
EXAMINER					Τ	MICHI BOOMENTO					
INITIAL		DOC	UMENT NUMBER	DATE	N/	AME	CL/	ASS	SUB-CLASS	FILING DATE	
	AA AB				╁		+		<u> </u>		
. ==	AB AC	+-			H		+				
	AD				╁		+	•			
	AE				t	VV-1					
-	AF				T	<u> </u>		-		*	
	AG										
	АН										
	AI				╙						
	AJ				╙		\bot				
	AK			<u> </u>			Ц				
		1		FORE I	GN	PATENT DOCUMENTS			1	T	
EXAMINER INITIAL	<u> </u>	DOC	UMENT NUMBER	DATE	cc	DUNTRY	CL/	\ss	SUB-CLASS	TRANSLATION	
	AL			,						Yes No	
	AM									Yes No	
	AN									Yes No	
	AO									Yes · No	
					T		1	·		Yes No	
	AP		OTHER (Including Author	· 7	itle, Date, Pertinent Pages,	etc '	`	<u> </u>	l NO	
04	AR	22				Sequencing and Synthesis," S			& <i>App1.</i> , p	p. 127-149	
O.	AS	22		.L., <i>et al</i> ., "Var - 7670 (Nov ember 1		tion among human 28S ribosoma 5)	l RNA	genes,	" Proc. Natl	. Acad. Sci.	
a	AT	22	Kern, S.E., 252:1708-17	<i>et al.</i> , "Identii 11 (June 1991)	fic	ation of p53 as a sequence-sp	ecifi	c DNA-b	inding prote	ein," Science	
EXAMINER	0.5	5 a	oud				DATE	CONSIDE	ERED 6/8/	99	
	itial if	refer	ence consider			citation is in conformance wi copy of this form with next					
P:\USERS\NCAPUNIT\1488\1											

						DOCKET NO.			CATION NO.	Page 2 of 2
1		FORM	PTO-1449		1488 APPL	. 1040001 I CANT		09/03	3,662	
•	<u>PLEMENTAL</u>	. INFOR	MATION DISCLO	SURE STATEMENT	ни е	tal.		1		
•						NG DATE n 3, 1998		GROUP 1646		
				U.		DOCUMENTS				
EXAMINER INITIAL		000	UMENT NUMBER	DATE	NAME			LASS	SUB-CLASS	FILING DATE
INITIAL	AA	1000	UPIENT NUMBER	DATE	NAME			LMSS	SUB-CLASS	FILING DATE
	AB									
	AC					-				
	AD						•		<u> </u>	
	AE AF									
	AG	+			 					
	AH									
	AI				Ţ					
	AJ	_			+					
	AK			FODI	TON PATE	IT DOCUMENTS	1		1	
EXAMINER				1000					T	
INITIAL		DOC	UMENT NUMBER	DATE	COUNTR	Y	C	LASS	SUB-CLASS	
	AL									Yes No
	АМ									Yes No
	AN									Yes No
	AO									Yes No
	AP									Yes No
			OTHER (Including Author	or, Title	, Date, Pertine	nt Pages, etc	.)		
CA	AR	23	Sylvester,	J.E., et al., "	Human rib	osomal DNA: nov	el sequence o	rgani zat	ion in a 4.5	-kb region
U *		-	upstream fro	om the promoter	," Gene 8	4:193-196 (1989	')			
	+	-								
			·							
	AS		*							
	 	ļ	 							·
	AT									
EXAMINER	C.		aoud				Трат	E CONSID	DERED 6/8	

. ...

-- * :. *

FILE COPY

Page 1 of 21

•	ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662										
		FORM P	TO-1449		APPLICANT		·				
<u> 1N</u>	FORMAT I	ON DISC	CLOSURE STATE	MENT	Hu et al.		OUP				
		_			March 3, 1998		46				
				U.S.	PATENT DOCUMENTS						
EXAMINER INITIAL	-	DOCUM	ENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE			
04	AA1	5,219		06/15/1993	Tischer <i>et al</i> .	435	69.4	07/27/1990			
CF	AB1	5,332		07/26/1994	Ferrara et al.	435	240.1-	08/04/1989			
<u>as</u>	AC1	5,607		03/04/1997	Eriksson et al.	514	12	06/06/1995			
	AD		·								
	AE										
-	AF										
	AG										
	АН										
	ΑI		_								
	AJ										
	AK										
				FOREI	GN PATENT DOCUMENTS						
EXAMINER CO											
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CEASS	TRÂNSLATION			
C4	AL1	WO 9!	5/07985	03/23/1995	WIPO		H 2	Yes No			
Cs	AM1	WO 96	6/27007	09/06/1996	WIPO	-		Yes No			
CA	AN1		6/26736	09/06/1996	WIPO	-	<u> </u>	Yes No			
		1.0 /	0, 20, 30	377 007 1770			50	Yes No			
	AO	-						Yes			
	AP				<u> </u>			No			
			OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)					
U	AR	1	Eva, C. <i>et</i> oneuropeptid	al., "Molecular c e receptor family	cloning of a novel G protein-coup y," FEBS Letters 271(1.2): 81-84 (oled rec 1990)	eptor that may b	pelong to the			
Ca	AS	1	Production	K. et al., "Epide by Human Malignar Cell 4(1):121-133	ermal Growth Factor Stimulates Va nt Glioma Cells: A Model of Gliob (1993)	scular olastoma	Endothelial Grow Multiforme Path	rth Factor nophysiology,"			
cs	AT	1	Harris, A.L Factors as	. et al., "Gene l Therapeutic Targe	Therapy through Signal Transducti ets in Breast Cancer," <i>Cancer Sup</i>	on Path	ways and Angloge 3):1021-1025 (Au	enic Growth gust 1994)			
EXAMINER	0	. S	aoud			DATE CO	NSIDERED 4/8	199			
EXAMINER: Init	EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.										

Page 2 of 21

						ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662				
	JEODHA T.		PTO-1449	-MENT		APPLICANT Hu et al.				
1	YFUKMA1 I	UN UIS	CLOSURE STATE	<u>:MENI</u>		FILING DATE March 3, 1998		GROUP 1646		
				U.S.	<u> </u>	ATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	N	AME	CL	ıss	SUB-CLASS	FILING DATE
	AA				Г		1			
	AB									
	AC				L				15.0	بنير .
	AD	<u> </u>					<u> </u>	_	يت	€ = N
	AE	ļ			┡		┷		の活	T
AF									تناب ا	1 : -
	AG	-			╀		╄		'FO .	
	AH	+			┢		+		180	1
	AI	+			╁		╁			50
	AJ	+			╁╴		╁		<u> </u>	(5)
	AK		_	EODE 1	CN	PATENT DOCUMENTS				1
EXAMINER		T		FOREIT	I	PATENT DOCUMENTS	1		[T
INITIAL		DOCU	MENT NUMBER	DATE	c	OUNTRY	CL/	ASS	SUB-CLASS	TRANSLATION
	AL								<u></u>	Yes No
	АМ									Yes No
	AN				T					Yes No
		1			T		1			Yes No
	AO									Yes
	AP	<u> </u>	OTHER (Implications Author		Title Date Dentinent Descr				No
	· · · · ·	-	OTHER (Including Author		Title, Date, Pertinent Pages,	etc.			
U	AR	<u>2</u>	Encodes a Po		Str	undant Transcript Induced in D ructural Similarities to G-pro				
O.	AS	2	Kim, K.J. e Biologically (1992)	t al., "The Vascu y Relevant Regior	ula ns	r Endothelial Growth Factor P by Neutralizing Monoclonal An	rotei tibod	ns: Ider ies," <i>Gi</i>	ntification rowth Facto	of rs 7: 53-64
W	AT	2	Kim, K.J. e	t al., "Inhibitic tumour growth <i>in</i>	on <i>V i</i>	of vascular endothelial growt vo," <i>Nature 362(6423):</i> 841-844	(1993	i)		
EXAMINER	\overline{C}	. 5	aoud				DATE	CONSIDE	RED 6/8	1/99
	tial if	refere	ence consider	ed, whether or no		citation is in conformance wi copy of this form with next	th MP	EP 609.	Draw line	through

. .

Page 3 of 21

										rage 3 or Er
					ATTY. DOCKE 1488.104000			APPLICA 09/033	ATION NO.	
		FORM P	TO-1449		APPL I CANT					
11	NFORMATI (ON DISC	LOSURE STATE	MENT	Hu et al.			GROUP		
					March 3, 19			1646		
				U.S.	PATENT DOCUM	ENTS			-	_
EXAMINER INITIAL		DOCUM	MENT NUMBER	DATE	NAME		CLA	ss	SUB-CLASS	FILING DATE
	AA	1		ļ						
	АВ						1_		્ર	579
	AC					· · · · · · · · · · · · · · · · · · ·	_		ين	5 - 3
	AD								6,0	
	AE	ļ							0,5	- 5
	AF	ļ	<u> </u>				4		-0	
	AG								٧٠٠٠	? 5
	AH								,0	
	AI									50
	AJ									
	AK									<u> </u>
				FOREI	ON PATENT DOCL	MENTS			•	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY		CLA	ss	SUB-CLASS	TRANSLATION
	AL									Yes No
	AM									Yes No
	Art	 					1			Yes
	AN	<u> </u>					٠.			No
	AO	ļ					<u> </u>			Yes No
	AP									Yes No
	1	1.	OTHER (Including Author	. Title, Date,	Pertinent Pages,	etc.)		1	<u> </u>
CA	AR	3	Libert. F.		e Amplification	on and Cloning of I			pers of the	G Protein-
Ca	AS	3	Simplex Vir		n Vector Indu	ar Endothelial Gro ces Angiogenesis in				
CA	AT	<u>3</u>	Meyerhof, W during rat	. et al., "Molecuspermiogenesis,"	llar cloning o	f a novel putative 284(2):155-160 (199	G-pro 21)	otein co	oupled recep	otor expressed
EXAMINER	<u>.</u>	5	roud				DATE	CONSIDE	RED 4/8	199
EXAMINER: Ini	tial if	refere	nce consider	ed, whether or no	ot citation is	in conformance wi	th MPI	EP 609.	Draw line	through

Page 4 of 21

					ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662				
		FORM F	PTO-1449		APPLICANT		1 07/033	,002	
11	FORMATIO	ON DIS	CLOSURE STATE	MENT	Hu et al.		,		
					FILING DATE March 3, 1998		GROUP 1646		
				U.S.	PATENT DOCUMENTS				
EXAMINER								0117 01 400	p
INITIAL	AA	DOCU	MENT NUMBER	DATE	NAME	CL.	ASS	SUB-CLASS	FILING DATE
	AB	 						راح ا	
	AC				· <u></u>			G 35	2
<u> </u>	AD							1010	
	AE							93 1	9
	AF							6	رث و
	AG							0	ب. ان
	АН								- c>
	AI						_		
	AJ	ļ						<u> </u>	<u></u>
	AK								
		· · ·		FOREIG	N PATENT DOCUMENTS			ı	
EXAMINER INITIAL	ļ	DOCU	MENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	АМ			; ;					Yes No
	AN		,				-		Yes No
	AO								Yes No
	AP								Yes No
	1 AF	1	OTHER (Including Author	, Title, Date, Pertinent	Pages etc.)	. !	
			I	The tuarring Author	, litte, bate, relitient	rages, etc.	/ _		
CA	AR	4	Ross, P.C. distribution	et al., "RTA, a c n," <i>Proc. Natl. Ad</i>	andidate G protein-coupl cad. Sci. USA 87:3052-30	led receptor: 56 (1990)	Clonin	g, sequencir	ng, and tissue
U	AS	<u>4</u>	Tischer, E. Forms are E	et al., "The Hum ncoded Through Al	an Gene for Vascular Enc ternative Exon Splicing,	dothelial Gro ," <i>J. Biol. C</i>	owth Fac Them. 266	tor: Multipl 5(18):11947-	e Protein 11954 (1991)
CA	AT	4		eport of small HG ay, March 24, 199	S/Amrad alignment, using 7.	g Clustal me1	thod wit	h Weighted I	residue weight
EXAMINER	0		Saono	×		DATE	CONSIDE	ERED 4/8	199
		refere	ence consider	ed, whether or no	t citation is in conformulation to the copy of this formulation with the copy of the copy				

• • •

Page 5 of 21

					ATTY. DOCKET NO. 1488.1040001		APPLIC 09/033	ATION NO.	Page 3 of 21
		FORM F	PTO-1449		APPLICANT	· · ·	1 02/033	,002	
<u> </u>	FORMAT I	ON DIS	CLOSURE STATE	MENT	Hu et al.		· · · · · ·		
					FILING DATE March 3, 1998		GROUP 1646		
				U.S.	PATENT DOCUMENTS			·	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	ASS	SUB-CLASS	FILING DATE
	AA	<u> </u>							
	AB	1							<u> </u>
	AC			-				3	<u>(3)</u>
	AD	-		-			-	G1301	
	AE		<u> </u>					630	A
	AF	 						2012	
	AG	 	·			-			
	AH	 						\(\text{\tin}\exitt{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	5 <u>(</u> .
	AJ								0
-	AK	1		1			·		
-	17.1	<u> </u>	***	FOREIG	N PATENT DOCUMENTS			 	L
EXAMINER	1								·
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM								Yes No
	AN								Yes No
	AO						.**		Yes No
	AP						·		Yes No
-	AP	<u> </u>	OTHER (Including Author	Title, Date, Pertinent	Pages etc	`	<u> </u>	l NO
	<u> </u>		OTHER (including Author,	Titte, Date, Pertinent	rages, etc.	,		
01	AR	<u>5</u>	Internation	al Search Report	for Application No. PCT/	US95/07283,	mailed	September 19	995.
C+	AS	<u>5</u>	NCBI Entrez (August 199		Accession No. AA252383,	from NCI Ca	ncer Ge	nome Anatomy	/ Project.
Cs	AT .	<u>5</u>	NCBI Entrez (October 19		Accession No. AA633294,	from NCI Ca	incer Ge	nome Anatomy	/ Project.
EXAMINER	<u>C.</u>	٥	Jaono	1		DATE	CONSIDE	ERED 6/8	199
	tial if	refere	nce consider	ed, whether or no	t citation is in conform de copy of this form wit			Draw line	through

Page 6 of 21

							ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662					
		FORM	PTO-1449		APPLICA						_	
	<u>INFORMATI</u>	ON DIS	SCLOSURE STATE	EMENT	FILING (PATE		GROUP				
				11.5	March 3			1646				
EXAMINER		ŀ		0.3.	PAIENI DO	COPIENTS	Т		Γ		<u> </u>	
INITIAL		DOCL	JMENT NUMBER	DATE	NAME		CL	ASS	SUB-0	CLASS	FILING DATE	
	AA	-	· · · · · · · · · · · · · · · · · · ·	_			-					
	AB	-			-				-	<u> </u>	 	
	AC	-					-		 			
	AD	+			_		+					
	AE AF	+					+		 			
	AG	+					+		 	<u>က</u>		
	AH						\top			<u>اس</u> ے		
	AI	1							另	نية	,	
	AJ								<u>SH</u>	10		
	AK									777	g 62°	
				FORE I	GN PATENT D	OCUMENTS			3		çi.	
EXAMINER INITIAL		DOCI	JMENT NUMBER	DATE	COUNTRY		CLA	ASS	SUR-	LAŠŠ.	TRANSLATION	
INTIAL		15000	JIENT NOTIBER		COUNTRY		1 32.		305 .	rengo	Yes	
	AL	1							-		No Yes	
	АМ						_				No.	
	AN										Yes No	
	AO										Yes No	
	AP										Yes	
			OTHER (Including Author	, Title, Da	ite, Pertinent Pages,	etc.)	<u> </u>			
C4	AR	<u>6</u>	NCBI Entrez (August 199	, GenBank Report, 7)	Accession	No. AA252684, from N	ICI Ca	incer Ge	nome A	natomy	/ Project.	
04	AS	<u>6</u>	NCBI Entrez (August 199		. Accession	No. AA284431, from P	NCI Ca	incer Ge	nome A	natomy	/ Project.	
0.4	AT	<u>6</u>	NCBI Entrez (August 199		, Accession	No. AA252749,from No	CI Car	ncer Gen	ome An	atomy	Project.	
EXAMINER	C.	5	aoud	· · · · · · · · · · · · · · · · · · ·			DATE	CONSIDE	RED	4/	8/99	
EXAMINER: In citation if n	itial if	refer	ence consider	ed, whether or no onsidered. Inclu	ot citation ude copy of	is in conformance w this form with next	ith MP	EP 609.	Draw n to A	line pplica	through	

Page 7 of 21

	-				ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662					
		FORM F	PTO-1449		APPLICANT					
110	FORMAT IC	DN_DIS	CLOSURE STATE	MENT -	Hu et al. FILING DATE		GROUP			
					March 3, 1998		1646			
				υ.s.	PATENT DOCUMENTS			Τ		
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	ASS	SUB-CLASS	FILING DATE	
	AA	<u> </u>					<u></u>	ļ		
	AB	<u> </u>		_						
	AC	<u> </u>								
	AD	-						-		
	AE	 						<u>.s</u>		
	AF	\vdash						၂ (၁) .	eses र क्रा क्राण्डे	
	AG	-								
	AH		-					(2) (2)		
·	AI							G F		
	AJ	 					-		41.).	
	AK	ــــــــــــــــــــــــــــــــــــــ						8 -	<u>.</u>	
	T	T .		FOREI	GN PATENT DOCUMENTS			5	<u> </u>	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ASS	SUB-CLASS	TRANSLATION	
							· · ·		Yes	
	AL								No.	
	AM								Yes No	
	AN								Yes No	
	AO								Yes No	
	<u> </u>								Yes	
	AP	<u> </u>	OTUED (Including Author	Title Date Destinant De	and the			No.	
	 1		DIHER (Including Author	, Title, Date, Pertinent Pa	ages, etc.	,		-	
CA	AR	Z	NCBI Entrez (August 199		, Accession No. AA259024, f	rom NCI Ca	incer Ge	nome Anatomy	/ Project.	
CL	AS	Z	NCBI Entrez	, GenBank Report,	Accession No. AA163579, f	rom Marra,	м. <i>et</i>	∂7. (Decembe	r 1996)	
CI	AT	7	NCBI Entrez (October 199		Accession No. AA420778, f	rom NCI Ca	ancer Ge	nome Anatomy	/ Project.	
EXAMINER	().	-5	aou	X		DATE	CONSIDE	ERED 6/8	199	
EXAMINER: Ini	tial if	refere	ence consider	ed, whether or no onsidered. Incl	ot citation is in conformanude copy of this form with	ce with MP	EP 609.	Draw line n to Applica	through	

Page 8 of 21

1488.1040001 09/033,662						ATTY. DOCKET NO.		TADDLIG	ATION NO	Page 6 01 21
INTITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS FILING DATE EXAMINER INITIAL AA AB A	İ									
FILLING DATE U.S. PATENT DOCUMENTS EXAMINER: INITIAL AA AB AB AC AD AB AF AG AG AJ AJ AI AI AJ AJ AN AN AN AN AN AN AN AN			FORM F	PTO-1449		1 · · · · = · · · · · · · · · · · · · ·				
U.S. PATENT DOLUMENTS EXAMINER INITIAL AA AB AC AD AC AD AF AF AF AS B CLASS SUB-CLASS FILING DATE CLASS FILING DATE CLASS FILING DATE CLASS SUB-CLASS FILING DATE CLASS SUB-CLASS FILING ACCURATION FOR THE COMPANDED CLASS FILING DATE CLASS FILING DATE CLASS FILING CLASS FILING FOR TACK ACCURATION FOR TACK FOR TACK ACCURATION FOR TACK FOR TACK FOR TACK FOR TA	1	NFORMATI	ON DIS	CLOSURE STATE	MENT			T		
EXMINIRE INITIAL DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING DATE NAME CLASS SUB-CLASS FILING DATE FILING DATE CLASS SUB-CLASS FILING DATE CLASS SUB-CLASS FILING DATE CLASS SUB-CLASS FILING DATE CLASS SUB-CLASS FILING DATE COUNTRY FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS EXAMINER INITIAL ALL AND OTHER CINCLUding Author, Title, Date, Pertinent Pages, etc.) CLASS SUB-CLASS TRANSLATION Yes No No Yes No OTHER CINCLUding Author, Title, Date, Pertinent Pages, etc.) CLASS SUB-CLASS TRANSLATION Yes No No AD OTHER CINCLUding Author, Title, Date, Pertinent Pages, etc.) CLASS SUB-CLASS TRANSLATION Yes No No OTHER CINCLUding Author, Title, Date, Pertinent Pages, etc.) CLASS SUB-CLASS TRANSLATION Yes No No OTHER CINCLUding Author, Title, Date, Pertinent Pages, etc.) CLASS SUB-CLASS TRANSLATION Yes No No OTHER CINCLUding Author, Title, Date, Pertinent Pages, etc.) CLASS SUB-CLASS TRANSLATION Yes No No OTHER CINCLUding Author, Title, Date, Pertinent Pages, etc.) CLASS SUB-CLASS TRANSLATION Yes No DATE CONSIDERED ATI B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (June 1996) CLASS SUB-CLASS TRANSLATION Yes No DATE CONSIDERED DATE C										
INITIAL AA AA AA AB AC AC AC AC AC AC					U.S.	PATENT DOCUMENTS				
AA AB A	EXAMINER		l							
AR AC AD AC AD AE AF AG AG AG AN	INITIAL	+	DOCU	MENT NUMBER	DATE	NAME	CL.	ASS	SUB-CLASS	FILING DATE
AC AD AE AE AF AG AB AF AG AR AI AI AI AI AI AI AI AI AI			 							
AD AE AE AF AG AG AH AI AI AJ AJ AX FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY FOREIGN PATENT DOCUMENTS CLASS SUB-CLASS TRANSLATION Yes NO Yes NO AN AN OTHER (Including Author, Title, Oate, Pertinent Pages, etc.) AR AR B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (June 1996) AT B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (September 1996) EXAMINER C Sacual DATE CONSIDERED (J/B/99) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Oraw line through			+			-				
AE AF AF AG AB AB AB AB AB AB AB AB AB			 					<u>-</u>		
AF AG AG AG AN AN AI AI AJ AJ AJ AX AX FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes NO AN			1						_S	
AI AJ AJ AK FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes No AM Yes No AM AN				-					U	•
AI AJ AJ AK FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes No AM Yes No AM AN		1	Ì						0 9	
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL AL DOCUMENT NUMBER DATE COUNTRY AL CLASS SUB-CLASS TRANSLATION Yes No AM Yes No AN Yes No AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 8 NCBI Entrez, GenBank Report, Accession No. M75461, from Marra, M. et al. (June 1996) AT 8 NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) EXAMINER C. Sacual DATE CONSIDERED L 18/99 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		АН							<u> </u>	
EXAMINER AL FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS CLASS SUB-CLASS TRANSLATION Yes No AN AN OTHER (Including Author, Title, Date, Pertinent Pages, etc.) OTHER (Including Author, Accession No. W75461, from Marra, M. et al. (June 1996) AS NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT B NCBI Entrez, GenBank Report, Accession No. AA250707, from Marra, M. et al. (September 1996) EXAMINER C. Saaud DATE CONSIDERED (16/99) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through	-	AI								
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes NO AM AN OTHER (Including Author, Title, Date, Pertinent Pages, etc.) OTHER (Including Author, Accession No. W75461, from Marra, M. et al. (June 1996) AS B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT B NCBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Saawd DATE CONSIDERED L. 10/99 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AJ	<u> </u>			<u>.</u>				ş' -
EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION Yes No AN AN AN OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR AR B NCBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AS B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT B NCBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Saaud DATE CONSIDERED L/B/99 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		AK							0 🐃	
INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION AL		1	_		FORE I	ON PATENT DOCUMENTS	-			
AN NO Yes No AN Yes No AN OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 8 NCBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AS 8 NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT 8 NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (September 1996) EXAMINER C. Saaca DATE CONSIDERED L. 16/99 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through			DOCU	MENT NUMBER	DATE	COUNTRY	CL.	ASS	SUB-CLASS	TRANSLATION
AN ROYES AN ROYES AN OTHER (Including Author, Title, Date, Pertinent Pages, etc.) OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR ROBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AS ROBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT ROBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Sacual EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		AL								
AN AN Yes No Yes No AP OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR B NCBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AS B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT B NCBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Saand EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		АМ				,				
AR B NCBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AR B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (September 1996) EXAMINER C. Saaud EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through										Yes
OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 8 NCBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AS 8 NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT 8 NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (September 1996) EXAMINER C. Sacud EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through										Yes
AR B NCBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AS B NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT B NCBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Saoud EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through									-	Yes
AR 8 NCBI Entrez, GenBank Report, Accession No. W75461, from Marra, M. et al. (June 1996) AS 8 NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT 8 NCBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Saaad EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw Line through		AP	1	071150 4	Including Auch	Tible Bets Bestiment				No
AS 8 NCBI Entrez, GenBank Report, Accession No. AA240250, from Marra, M. et al. (March 1997) AT 8 NCBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Saaud EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through		1 1		OTHER (Including Author	, litte, Date, Pertinent	t Pages, etc.)		
AT 8 NCBI Entrez, GenBank Report, Accession No. AA050707, from Marra, M. et al. (September 1996) EXAMINER C. Saoud EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	CL	AR	<u>8</u>	NCBI Entrez	, GenBank Report,	Accession No. W75461,	from Marra, M	n. et al	. (June 1996	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	04	AS	8	NCBI Entrez	, GenBank Report,	Accession No. AA240250), from Marra,	, M. et .	a]. (March 1	997)
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	O4	AT	8	NCBI Entrez	, GenBank Report,	Accession No. AA050707	, from Marra,	, m. et .	al. (Septemb	per 1996)
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through	EXAMINER	<i>Q.</i> (5 a	oud			DATE	CONSIDE	RED 4 16	7/99
	EXAMINER: Ini	tial if	refere	ence consider	ed, whether or no onsidered. Inclu	ot citation is in conforude copy of this form wi	mance with MF th next commu	PEP 609. unicatio	Draw line n to Applica	through

Page 9 of 21

				ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662					
		FORM PTO-1449		APPLICANT		077033	,002		
<u>I N</u>	FORMATIC	N DISCLOSURE STAT	MENT	Hu et al.					
				FILING DATE March 3, 1998		GROUP 1646			
			U.S.	PATENT DOCUMENTS				- "	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS	ss	SUB-CLASS	FILING DATE	
	AA								
	АВ								
	AC	<u> </u>							
	AD						98		
	AE			·			يتني	6.	
	AF						GI.	(*)	
	AG		_				1.0UP	\	
	АН				_	<u>.</u>	- P	eta.	
	AI						181	5.	
	AJ	ļ <u>.</u>		<u></u>			0 .	, U	
	AK	<u> </u>					(2	
	· · · · · · · · · · · · · · · · · · ·		FOREIG	N PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLAS	ss	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	АМ							Yes No	
	AN						· · · · ·	Yes No	
	AO							Yes No	
	AP							Yes No	
	1	OTHER (Including Author.	Title, Date, Pertinent Pages,	etc.)				
C.A.	AR		, GenBank Report,	Accession No. AA612827,from NO		er Gend	ome Anatomy	Project.	
Co	AS	9 NCBI Entrez (August 199	•	Accession No. AA290917, from N	ICI Can	icer Ger	nome Anatomy	/ Project.	
as	AT	9 NCBI Entrez (September		Accession No. AA568606, from N	ICI Can	ncer Ger	nome Anatomy	/ Project.	
EXAMINER	2	Saoud			DATE	CONSIDE	RED 6/	8/99	
EXAMINER: Init	ial if i	reference consider	ed, whether or no	t citation is in conformance wi	th MPE	P 609.	Draw line	through	

Page 10 of 21

					ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662					
		FORM P	PTO-1449		APPLICANT			•		
<u>11</u>	FORMAT LO	N DIS	CLOSURE STATE	MENT .	Hu et al. FILING DATE		GROUP			
					March 3, 1998		1646			
		7		U.S.	PATENT DOCUMENTS					
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CL/	ASS	SUB-CLASS	FILING DATE	
	AA									
	AB	<u> </u>						93		
	AC	-						0 %	(: 3 (-	
	AD	<u> </u>	-					6300A		
	AE	├─				 -	**			
	AF	 					-			
	AG	-		_				8	2	
	AH	<u> </u>						<u> </u>	<u>., </u>	
	AI	 				-				
	AJ	 	· · · · · · · · · · · · · · · · · · ·							
	AK	<u> </u>							<u> </u>	
	1	_		FOREIC	N PATENT DOCUMENTS	1		1		
EXAMINER INITIAL	ļ	DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ASS	SUB-CLASS	TRANSLATION	
	AL								Yes No	
	AM				,				Yes No	
	AN								Yes No	
_	AO								Yes No	
	AP								Yes No	
	Į Ar	<u> </u>	OTUED (Including Author	Title, Date, Pertinent Page	e etc '		<u>I</u>	, NO	
			OTHER (Including Author	, Titte, Date, Pertiment Page	s, etc.,	<u>, </u>			
C4	AR	<u>10</u>	NCBI Entrez (August 199		Accession No. AA465305, from	n NCI Ca	ncer Ge	nome Anatomy	/ Project.	
Os	AS	<u>10</u>	NCBI Entrez (August 199		Accession No. AA491141, from	n NCI Ca	incer Ge	nome Anatomy	/ Project.	
O.L	АТ	<u>10</u>	NCBI Entrez	, GenBank Report,	Accession No. AA663755, from	n Hillie	er, L. <i>e</i>	<i>t al.</i> (Decen	nber 1997)	
EXAMINER		ئے .7	Saoud	•		DATE	CONSIDE	ERED 6/8/	199	
	tial if	refere	nce consider	ed, whether or no	t citation is in conformance			Draw line	through	

Page 11 of 21

									Page II OI ZI
					ATTY. DOCKET NO. 1488.1040001		APPLIC 09/033	ATION NO.	
		FORM F	PTO-1449		APPLICANT		077033	,002	
ī	NEORMATI	מום אם	CLOSURE STATE	MENT	Hu et al.	_			
_					FILING DATE March 3, 1998		GROUP 1646		
				U.S.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE
	AA								
	AB								
	AC	_							
_	AD								
	AE	↓	_						
	AF							-	
	AG							<u>්ධී</u>	
	АН							<u> </u>	· ·
	AI							2 2	··×,
	AJ	<u> </u>							Ç
	AK							, T=	
				FORE I	GN PATENT DOCUMENTS			ထ	<u>t</u>
EXAMINER								:0	N.Dr
INITIAL	 	DOCU	MENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM				-				Yes No
	AN								Yes No
	AO						•		Yes No
ű	AP								Yes No
	IAF		OTHER (Including Author	, Title, Date, Pertinent Pag	es etc)			l NO
4	AR	11		, GenBank Report,	, Accession No. AA236770, fro			nome Anatomy	y Project.
Cs	AS	11	NCBI Entrez	, GenBank Report,	, Accession No. AA801448, fro	om Lee, N	. et al	. (April 199	P8)
24	AT	11	NCBI Entrez	, GenBank Report,	, Accession No. AA799651, fro	om Lee, N	. et al	. (April 199	98)
EXAMINER (7. 6	ao	ud			DATE	CONSIDE	RED L/8	3/99
	tial if	refere	ence consider		ot citation is in conformance				

· · · ·

. .

Page 12 of 21

										rage 12 C	<u> </u>
					ATTY. DOCKET NO. 1488.1040001			APPLICATION NO. 09/033,662			
		FORM PT	0-1449		APPLICANT		1 027 033	,002			
<u>I</u>	NFORMAT I	ON DISC	LOSURE STATE	<u>EMEŅT</u>	Hu et al.		1				
					FILING DATE March 3, 1998		GROUP 1646				
				U.S.	PATENT DOCUMENTS						
EXAMINER											
INITIAL		DOCUM	ENT NUMBER	DATE	NAME	CL	ASS	SUB-	CLASS	FILING DA	TE.
	AA	-						 			
	AB	ļ				_		<u> </u>		 	
	AC									 	
	AD				•			<u> </u>			
	AE									<u> </u>	
	AF									<u> </u>	
	AG							ļ			
	AH	<u> </u>									
	A I	<u> </u>									
	AJ										
	AK										
				FORE 1	GN PATENT DOCUMENTS						
EXAMINER											
INITIAL		DOCUM	ENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-	CLASS	TRANSLATI	ON
						- 1			98		Yes
	AL	+				-		 		نام	No
	АМ							S	HUL	£ 2 } Latant	Yes No
	AN							gup	12		Yes No
								18		e .:	Yes
	AO	-						 =		· · · · · · · · · · · · · · · · · · ·	No Yes
	AP	ـــــلــ						ŀ	5		No
			OTHER (Including Author	, Title, Date, Pertinent Pages	, etc.)				
C4	AR	12	NCBI Entrez	, GenBank Report,	, Accession No. AA891731, from	Lee, N	ı. et al	. (Apr	·il 199	?8) 	
O4	AS	<u>12</u>	NCBI Entrez	, GenBank Report,	, Accession No. AA893520, from	Lee, N	ı. et al	. (Apr	il 199	7 8)	
C4	AT	12	NCBI Entrez	, GenBank Report,	, Accession No. AA800195, from	Lee, N	ı. et al	. (Apr	il 199	78)	
EXAMINER	<u></u>	Sai	oud			DATE	CONSIDE	ERED 4	./8/	199	
EXAMINER: Ini	itial if	referen	nce consider	ed, whether or no onsidered. Incl	ot citation is in conformance water copy of this form with next	vith MF	EP 609.	Draw n to A	lline Applica	through	

,

· . · .

. •

Page 13 of 21

					ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662				
		FORM I	PTO-1449		APPLICANT				
1	<u>NFORMATI</u>	ON DIS	CLOSURE STATE	MENT	Hu et al. FILING DATE		GROUP		
					March 3, 1998		1646		
				U.S.	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCL	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AA	ļ						ļ	
	AB	 			<u> </u>			<u> </u>	
	AC	—						<u></u>	
	AD				•			-	
	AE	∔						 	
	AF	+							
	AG	╁—						<u> </u>	<u> </u>
	AH	+							ļ
	AI	 						1	
	AJ	 						1	
	AK				NATENT BOOKMENTS			1	
EVANINED	T	T		FUREI	ON PATENT DOCUMENTS			1	l
EXAMINER INITIAL		DOCL	MENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	AM							98	Yes No
	AN						"	GRO	Yes No
	AO								Yes No
								00 9	ຼົ.⊸ Yes
	AP		OTHER (Including Author	Title Deta Denti	nont Bogos o	to \		No.
			OTHER (Including Author	, Title, Date, Perti	nent Pages, e	tc.)	<u> </u>	
C4	AR	<u>13</u>	NCBI Entrez (August 199	<u>. </u>	Accession No. AA484	390, from NCI	Cancer Ge	enome Anatom	y Project.
O4	AS	<u>13</u>	NCBI Entrez (October 19	, GenBank Report, 97)	Accession No. AA640	0496, from NCI	Cancer Ge	enome Anatom	y Project.
OL	AT	<u>13</u>	(August 199		Accession No. AA535	5586, from NC	CI Cancer (Genome Anator	πy Project.
EXAMINER	<u>C.</u>	5.	rond			D	ATE CONSID	ERED U/8	/99
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.									

• • • •

Page 14 of 21

									Page 14 OT 21
				•	ATTY. DOCKET NO. 1488.1040001	-	APPL 1 09/03	CATION NO. 3.662	
		FORM I	PTO-1449		APPLICANT		1 07,02	2,001	
1	N FORMAT I	ON DIS	CLOSURE STATE	MENT	Hu et al.				
					FILING DATE March 3, 1998	FILING DATE GROUP March 3, 1998 1646			
				U.S.	PATENT DOCUMENTS				
EXAMINER							01.400		511 110 0475
INITIAL	AA	Doco	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AB	+			· · · · · · · · · · · · · · · · · · ·				
	AC								
	AD	1			· 				
	AE					1		1	
	AF				-				
	AG								
	АН					·			
	AI								
	AJ								
	AK				•				
				FOREIG	ON PATENT DOCUMENTS				
EXAMINER INITIAL		DOC	MENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
INITIAL	1	DOCC	MENT NUMBER	DATE	COUNTRY		CLASS	SOB CLASS	Yes
	AL							ļ <u>.</u>	No
	AM								Yes No
	AN								Yes No
		1	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		.,		Yes
	AO	+						88	No Yes
	AP				,			0 5	No
			OTHER (Including Author	, Title, Date, Pertiner	nt Pages, e	c.)	RC .	5 d
								RCIUP	
]							├	OT
1 0,	AR	14	NCBI Entrez (August 199	, GenBank Report, 7)	Accession No. AA25283	5, from NCI	Cancer G	enome Anatom	y Project.
06			, magast 177	•				 :7	Les
	 	 							
	AS	<u>14</u>	NOD! 5-4	Campania Danasa	A	E	lias I .	ot al even s	1007)
OF		-	NCBI Entrez	, венванк керогі,	Accession No. AA43448	o, from hit	tier, L.	ecal. (may	1997)
		İ.,							
OL	AT	14	NCBI Entrez	, GenBank Report,	Accession No. AA29244	8, from Hil	lier, L.	et al. (Augus	st 1997)
EXAMINER	<u>C</u> .	5	aon	cs.		Di	TE CONSID	DERED 4/	8/99
		refere	ence consider	ed, whether or no	ot citation is in confo			. Draw line	through
citation if no	IN COL	тогтаг	ice and not c	onsidered. Inclu	de copy of this form w	ith next co	milunicati	on to Applica	### .

Page 15 of 21

									APPLICATION NO. 09/033,662		
	NEODMATI		PTO-1449	MENT		APPLICANT Hu et al.					
<u> </u>	NFUKMATI	<u> </u>	CLOSURE STATE	<u>IMEN I</u>	ſ	FILING DATE March 3, 1998		GROUP 1646			
				U.S.		ATENT DOCUMENTS					
EXAMINER INITIAL		DOCI	MENT NUMBER	DATE	Π	AME	CL	166	SUB-CLASS	FILING DATE	
INTITAL	AA	10000	HENT NUMBER	DATE	 "	NII C	100,		JOB CLASS	TILING DATE	
	AB		- · · · · · · · · · · · · · · · · · · ·		T						
	AC				Г				Ì	-	
	AD									-	
	AE									-	
	AF				L						
	AG				L						
	AH				L						
	AI	-			L		-				
	AJ	-			┝		+				
	AK				L_						
	 	I		FOREI	GN	PATENT DOCUMENTS	ī		Ī	<u> </u>	
EXAMINER INITIAL	,	DOCU	MENT NUMBER	DATE	CC	OUNTRY	CL/	ıss	SUB-CLASS	TRANSLATION	
	AL									Yes No	
	АМ									Yes No	
							1			Yes	
	AN				T		+			No Yes	
	AO	-			H		-		, ,	No Yes	
	AP					<u> </u>		···	3	No	
			OTHER (Including Author	, 1	Title, Date, Pertinent Pages,	etc.)	<u>n ≥</u>	general participation of the second of the s	
aL	AR	<u>15</u>	NCBI Entrez	, GenBank Report,	, а	ccession No. AA310070, from A	dams,	M. et	JUN 24 APET	997)	
									9 0	t it	
	1		 			. <u>.</u>			<u> </u>	<u> </u>	
	AS	<u>15</u>									
CL	AS	<u> 12</u>	NCBI Entrez	CBI Entrez, GenBank Report, Accession No. AA073660, from Marra, M. et al. (February 1997)							
CL	AT	<u>15</u>	NCBI Entrez	, GenBank Report,	, А	ccession No. R90829, from Hil					
EXAMINER	<u>C.</u>	Si	roud				DATE	CONSIDE	RED 6/8	199	
EXAMINER: In	itial if	refere	ence consider	ed, whether or no onsidered. Inclu	ot ude	citation is in conformance wi copy of this form with next	th MP	EP 609.	Draw line	through	

Page 16 of 21

							1		Page 10 01	
}					ATTY. DOCKET NO. 1488.1040001		09/033	ICATION NO. 33,662		
		FORM P	710-1449		APPLICANT					
11	NFORMAT I	ON DIS	CLOSURE STATE	MENT	Hu et al. FILING DATE		GROUP		_	
					March 3, 1998 1646					
				U.S.	PATENT DOCUMENTS					
EXAMINER										_
INITIAL	+	DOCU	MENT NUMBER	DATE	NAME	- CI	LASS	SUB-CLASS	FILING DATE	
-	AA	 								
	AB AC	1					·	<u> </u>		
	AD	 	······································		-	-				
	AE	 						\		
-	AF	1 -						_		
-	AG	1 -					-			
	АН									
	AI									
	AJ									
	AK							<u> </u>		
	_			FOREIC	N PATENT DOCUMENTS			,	_	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CI	LASS	SUB-CLASS	TRANSLATIO	N
	Ī									Yes
	AL	┼								No
	AM									Yes No
	AN									Yes No
	AO							36	e=.	Yes No
	AP							GRC GRC	3 4 .	Yes No
	TAP		OTHER (Including Author	Title, Date, Pertine	nt Pages etc	`	문문		NO
	1	-	OTHER (Including Author	Titte, Date, Pertine	nt Pages, etc	.,			
								AH 9:	\$ <u>`</u>	
	AR	<u>16</u>	NCDI Entroz	ComPant Bonont	Associan No. H270/6	from William	. I at		r == %	
as			NCB1 Entrez	, ценвалк керогс,	Accession No. H27946	, II oli Hittiei	, L. 60	ii. (iutycia	77)	
Os.	AS	<u>16</u>	NCBI Entrez	, GenBank Report,	Accession No. H39505	, from Hillier	. L. et	31. (August	1995)	
1 .										
ar	AT	<u>16</u>	NCBI Entrez	, GenBank Report,	Accession No. AA0828	18, from Hilli	er, L. <i>e</i>	t al. (Dece	mber 1997)	
EXAMINER	<u>a</u> .	Si	aoud	1		DAT	E CONSIDE	RED U/	8/99	
EXAMINER: Ini	tial if	refere	ence consider	ed, whether or no	t citation is in conf de copy of this form	ormance with M	IPEP 609.	Draw line	through	
CILACION IT NO	in con	, or mar	ice artu itot C	ona ruci cu. Inclu	ac copy or this rolli	ATTH HEAT COIN	militatio	LO APPLICA	w116.6	

· . . .

.

Page 17 of 21

								Page 17 Of 21
			-		ATTY. DOCKET NO. 1488.1040001		PLICATION NO. /033,662	
		FORM PT			APPLICANT Hu et al.			
<u> 1 N</u>	FORMAT I	ON DISCL	LOSURE STATE	<u>MENT</u>	FILING DATE	GRO	OUP	
					March 3, 1998	164		
		, 		u.s.	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUME	ENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA							
	AB	<u> </u>						
· · · · · · · · · · · · · · · · · · ·	AC	 						
	AD	↓						
	AE	 						
×	AF	 						
	AG	 				_		
	AH	 						
	AI							
	AJ	+				_		-
	AK							
				FOREIC	GN PATENT DOCUMENTS			
EXAMINER INITIAL	ļ	DOCUME	ENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL							Yes No
	AM							Yes No
	AN					·	96	Yes No
	AO						JUN	Yes No
	AP						124 100F	Yes No
·	IAF		OTHER (Including Author	, Title, Date, Pertinent Pages	etc)		
			OTHER (Including Addition	, Titte, Date, Fertillent Pages	, etc.,	0 8	1 11
							 	e saech. • " ann r
•	AR	17	NCDI Entere	Campant Danast	Accession No. 44117472 from	Manaa W	0	1007)
OL_		_ '	NCBI Entrez,	, Genbank Report,	Accession No. AA117672, from	marra, m.	et al. (Februar	y 1997)
_								
								
4.	AS	<u> 17</u> ,	NCBI Entrez	, GenBank Report,	Accession No. AA510867, from	Marra, M.	et al. (July 19	97)
C4					·	·	·	
0.	l							
a	AT	17	NCBI Entrez	, GenBank Report,	Accession No. AA308077, from	Adams, M.	et al. (April 1	997)
EXAMINER	<u> </u>					DATE CON	SIDEPED /	1
EAMINER	(1, 3)	Sao	ud			DATE COM	C/8	/99
	tial if	reference	ce considere		ot citation is in conformance we			

.

· · · ·

Page 18 of 21

								Page 10 01 21	
				ATTY. DOCKET NO. 1488.1040001					
		FORM PTO-1449		APPLICANT Hu et al.					
<u> 11</u>	IFORMATIC	ON DISCLOSURE S	<u>STATEMENT</u>	FILING DATE March 3, 1998		GROUP 1646			
			U.S	. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUME	BER DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE	
	AA								
· ·	AB	ļ							
	AC	ļ							
	AD	ļ							
	AE	_						-	
	AF								
	AG								
	AH	_							
	AI								
	AJ								
	AK							ļ	
			FOREI	GN PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUME	BER DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION	
	AL							Yes No	
	AM			·				Yes No	
	AN							Yes No	
	AO						<u> </u>	Yes No	
	AP							Yes No	
	I Ar) OT I	IED (Including Author	, Title, Date, Pertinent Page	r otc)		(2)	ace;	
C4	AR			, Accession No. AA040843, from			GROUP 180	1996)	
O.	AS	18 NCB1 En	trez, GenBank Report	, Accession No. TO8411, from A	Adams, M	. et al	. (August 19	993)	
Cs	AT	18 NCBI En	trez, GenBank Report	, Accession No. AA419103, from	n Hillie	r, L. <i>e</i>	<i>t al.</i> (Octob	per 1997)	
EXAMINER (Saoud	,		DATE	CONSIDE	RED 4/8	199	
	tial if	reference cons	idered, whether or n	ot citation is in conformance ude copy of this form with ne			Draw line	through	

• • • •

.

Page 19 of 21

									Page 19 01 21	
					ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662					
		FORM P	PTO-1449		APPLICANT Hu et al.	· <u>-</u>	! . ·	•		
11	<u>√FORMATI</u>	ON DISC	CLOSURE STATE	<u>EMENT</u>	FILING DATE March 3, 1998		GROUP 1646			
				U.S.	PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUI	MENT NUMBER	DATE	NAME	CLA	ASS	SUB-CLASS	FILING DATE	
	AA				<u>-</u>					
	AB									
	AC	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$								
×	AD									
	AE	\bot								
	AF									
	AG									
	AH									
<u>-</u> -	AI									
	AJ									
	AK									
				FORE I	GN PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUI	MENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION	
	AL								Yes No	
	AM								Yes No	
	AN								Yes No	
	AO								Yes No	
	AP								Yes No	
	Ar		OTHER (Including Author	, Title, Date, Pertinent	Pages etc			55 =15	
C4	AR	19		, GenBank Report,	, Accession No. AA633535,			nome Arietom	N 22 Project:	
C4	AS	<u>19</u>	NCBI Entrez	NCBI Entrez, GenBank Report, Accession No. AA182397, from Hillier, L. et al. (January 1997)						
C4	AT	<u>19</u>	NCBI Entrez (March 1998		, Accession No. AA843665,	from NCI Ca	ancer Ge	enome Anatomy	y Project.	
EXAMINER	<u>.</u>	3	aoud			DATE	CONSIDE	ERED 4/8	199	
EXAMINER: Ini	tial if	refere	ence consider	ed, whether or no onsidered. Inclu	ot citation is in conformated to the conformated copy of this form with	ance with MF	EP 609.	Draw line on to Applica	through	

•· • · • ·

.

Page 20 of 21

		ropy pro 4//0		ATTY. DOCKET NO. APPLICATION NO. 1488.1040001 09/033,662						
		FORM PTO-1449		APPLICANT Hu et al.						
<u>18</u>	IFORMATIC	N DISCLOSURE STAT	<u>EMENT</u>	FILING DATE March 3, 1998	-	GROUP 1646				
			U.S.	PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE		
	AA		<u> </u>	<u> </u>						
	AB		ļ		_					
- ·-··	AC		<u> </u>		-					
	AD				-					
	AE									
·	AF AG			20200	+		<u> </u>			
	AH		 		- 					
	AI		 				<u> </u>	·		
	AJ	· -	<u> </u>	1. 100 APPLIAN - TO 1						
	AK									
			FORE I	GN PATENT DOCUMENTS	•					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION		
	AL			-				Yes No		
	АМ							Yes No		
	AN							Yes · No		
	AO							Yes No		
	AP							Yes No		
		OTHER	(Including Author	, Title, Date, Pertinent Pages,	etc.)			ي _		
O4	AR	20 NCBI Entrez	., GenBank Report,	Accession No. AA434389, from	Hillien	r, L. <i>e</i> ≀	t al. (May 2	BJUN 24 AF		
Ct	AS	20 NCBI Entrez	OTHER (Including Author, Title, Date, Pertinent Pages, etc.) CBI Entrez, GenBank Report, Accession No. AA434389, from Hillier, L. et al. (May 1997) CBI Entrez, GenBank Report, Accession No. AA073557, from Marra, M. et al. (February 1997)							
C4	AT		NCBI Entrez, GenBank Report, Accession No. AA741539, from NCI Cancer Genome Anatomy Project. (February 1998)							
EXAMINER	7.5	roud			DATE	CONSIDE	RED U)	8/99		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.										

Page 21 of 21

									Page 21 Of 21	
					ATTY. DOCKET NO. 1488.1040001		APPLIC 09/033	ATION NO.		
		FORM P	TO-1449		APPLICANT Hu et al.	_	*			
<u>IN</u>	FORMATIO	ON DISC	CLOSURE STATE	MENT	FILING DATE		GROUP 1646			
					March 3, 1998 PATENT DOCUMENTS		1 1040			
EXAMINER	Ι	1		0.3.	PATENT DOCUMENTS			I		
INITIAL		DOCU	MENT NUMBER	DATE	NAME	CL/	ASS	SUB-CLASS	FILING DATE	
	AA	ļ <u> </u>				\dashv		<u> </u>		
	AB	ļ				+-				
	AC	-				-				
	AD	<u> </u>						-		
	AE	 						ļ		
	AF	-								
	AG	-						ļ		
	AH	ļ				_				
	IA I	_				_		ļ	ı.	
	AJ							↓		
	AK							<u> </u>		
				FOREI	ON PATENT DOCUMENTS			,	·	
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION	
	AL		<u>.</u>						Yes No	
	AM								Yes No	
	AN								Yes No	
	AO	<u> </u>							Yes No	
		<u> </u>							Yes No	
	AP				Tial Dia Brains Brain			<u> </u>	NO	
	1		OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.				
04	AR	<u>21</u>	NCBI Entrez	, GenBank Report,	Accession No. R88630, from Hi	llier,	L. et	98 GRO	1995)	
O+	AS	<u>21</u>	NCBI Entrez (March 1998	CBI Entrez, GenBank Report, Accession No. AA843530, from NCI Cancer Genome Anatomy Project.						
4	AT	<u>21</u>	NCBI Entrez	, GenBank Report,	Accession No. N87395, from Li	ew, C.	(April	1996)		
EXAMI NER	\overline{C}	5	roud	- .		DATE	CONSIDE	ERED 4/	8/99	
EXAMINER: Init	tial if	refere	nce consider	ed, whether or no onsidered. Inclu	ot citation is in conformance wade copy of this form with next	ith MP	EP 609.	Draw line	through	